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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	
				Filing Date	Herewith
				First Named Inventor	Rory A. J. Curtis, et al.
				Group Art Unit	N/A
				Examiner Name	N/A
Sheet	1	of	1	Attorney Docket Number	MPI00-524P1RDV1M

[illegible]

FOREIGN PATENT DOCUMENTS							T ⁶
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document (MM-DD-YYYY)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Office ³	Number ⁴				
	B1	WO	01/64835	A2	09/07/2001		
	B2	WO	02/06454	A	01/24/2002		
	B3	WO	02/50105	A	06/27/2002		
	B4	WO	02/46426	A	06/13/2002		

Examiner Signature	<i>Wise</i>	Date Considered	6/15/2005
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¹Unique citation design number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	Herewith
		First Name of Inventor	Rory A. J. Curtis, et al.
		Group Art Unit	N/A
		Examiner Name	N/A
		Attorney Docket Number	MPI00-524P1RDV1M
Sheet	1	of	4

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published.	T ²
JS	C1	Altschul et al., "Basic Local Alignment Search Tool," <i>J. Mol. Biol.</i> 215:403-410 (1990)	
	C2	Altschul et al., "Gapped BLAST and PSI-BLAST: A New Generation of Protein Database Search Programs," <i>Nucleic Acids Research</i> 25(17):3389-3402 (1997)	
	C3	Begley et al., "A Conserved Motif within the Vitamin K-dependent Carboxylase Gene is Widely Distributed Across Animal Phyla," <i>Journal of Biological Chemistry</i> 275 (46):36245-36249 (November 17, 2000)	
	C4	Bruce, D., Mundt, M. et al., Homo Sapiens Chromosome 16 Clone 449J19. 06-May-1999 GenBank Accession No. AC007499	
	C5	Bruce et al., (1999), "Homo Sapiens Chromosome 16 Clone RP11-165M2", EBI Database Accession No. AC007335 XP 002222742	
	C6	Chanda (ed.), <i>Current Protocols in Molecular Biology, 2000, Volume 4</i> , John Wiley & Sons, Inc. (Table of Contents only)	
	C7	Grifman et al., "Functional Redundancy of Acetylcholinesterase and Neuroligin in Mammalian Neuritogenesis," <i>Proc. Natl. Acad. Sci, USA</i> 95:13935-13940 (November 1998)	
	C8	Hashimoto et al, (2001), "Macaca Fascicularis Brain cDNA Clone: QtrA-12316", EBI Database Accession No. AB060873 XP 00222744	
	C9	Hillier et al., WashU-NIC Human EST Project. Similar to Carboxylesterase Precursor. EMBL Accession No. AA 608798. March 2, 1998. Alignment with SEQ ID NO:2	
	C10	International Human Genome Sequencing Consortium, "Initial Sequencing and Analysis of the Human Genome," <i>Nature</i> 409:860-921 (February 15, 2001)	

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
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<div style="font-size: 2em; font-family: cursive;">JS</div> <div style="border-left: 2px solid black; height: 100%; margin-left: 10px;"></div>	C11	Isogai et al, (2001), "Homo Sapiens cDNA FLJ31547 fis, clone NT2R12001010", EBI Database Accession No. AK056109 XP 002222743	
	C12	Karlin et al., "Applications and Statistics for Multiple High-Scoring Segments in Molecular Sequences," <i>Proc. Natl. Acad. Sci.</i> 90:5873-5877 (June 1993)	
	C13	Karlin et al., "Methods for Assessing the Statistical Significance of Molecular Sequence Features by using General Scoring Schemes," <i>Proc. Natl. Acad. Sci.</i> 87:2264-2268 (March 1990)	
	C14	Myers et al., "Optimal Alignments in Linear Space," <i>CABIOS</i> 4(1) :11-17 (1998)	
	C15	National Institutes of Health (2001), "603039938F1 NIH_MGC_115 Homo Sapiens cDNA Clone IMAGE: 5181056 5' mRNA Sequence", EBI Database Accession No. IBI 822069 XP 002222745	
	C16	Old and Primrose, "Nucleic Acid Hybridization Methods. In: Principles of Gene Manipulation," <i>Blackwell Sci Pubs.</i> , Boston, (1985), 117-120	
	C17	PCT Foreign Search Report (November 12, 2002)	
	C18	Satoh et al., "Molecular Aspects of Carboxylesterase Isoforms in Comparison with Other Esterases," <i>Toxicology Letters</i> 82/83:439-445 (1995)	
	C19	Sambrook et al. (eds.), "Molecular Cloning - A Laboratory Manual," 1989, 2 nd Edition, Cold Spring Harbor Laboratory Press (Table of Contents only)	

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<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">85</div> <div style="border-left: 2px solid black; height: 100%; margin-left: 5px;"></div> </div>	C20	Silver et al., "No. 606361e1 Carboxylesterase Nucleic Acid: Molecules, Proteins and Uses Thereof," US 6,063,610 SEQ ID NO:10. May 16, 2000 (FD December 12, 1996). Alignment with SEQ ID NO:2	
	C21	Sone et al. (1998), "Carboxylesterase Precursor (EC 3.1.1.1)", EBI Database Accession No. 035533 XP 002222746	
	C22	Sonnhammer et al., "Pfam: A Comprehensive Database of Protein Domain Families Based on Seed Alignments," <i>Proteins</i> 28:405-420 (1997)	
	C23	Tsukamoto, T., Toyama, R. et al., "Human Guanine Nucleotide-binding Regulatory Protein (Go-Alpha) Gene, Exons 1 and 2". 08-Nov-1994 GeneBank Accession No. M60156	
	C24	Tsukamoto, T., Toyama, R. et al., "Structure of the Human Gene and Two Rat cDNAs Encoding the Alpha Chain of GTP-Binding Regulatory Protein Go: Two Different mRNAs are Generated by Alternative Splicing," <i>Proc. Natl. Acad. Sci USA</i> 88(8):2974-2978 (April 15, 1991)	
	C25	Venter et al., "The Sequence of the Human Genome," <i>Science</i> 291:1304-1351 (February 16, 2001)	
	C26	Walker et al., "On a Potential Global Role for Vitamin K-dependent γ-Carboxylation in Animal Systems," <i>Journal of Biological Chemistry</i> 276(11):7769-7774 (March 16, 2001)	
	C27	Weintraub et al., "Anti-sense RNA as a Molecular Tool for Genetic Analysis," <i>Trends in Genetics</i> (1985)	
	C28	GenBank Accession No. L05493 (August 4, 1993)	

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				Group Art Unit	N/A
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Sheet	4	of	4		

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Examiner Signature	<i>W92</i>	Date Considered	6/15/2005
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